

PTO/SB/01 (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION FOR UTILITY OR DESIGN PATENT APPLICATION (37 CFR 1.63)

Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

093/030P

First Named Inventor

Ramkumar Mandalam, et al.

COMPLETE IF KNOWN

Application Number

10/810,311

Filing Date

March 26, 2004

Art Unit

to be assigned

Examiner Name

to be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

New Protocols for Making Hepatocytes from Embryonic Stem Cells

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/26/2004

as United States Application Number or PCT International

Application Number

10/810,311

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 4)

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/01 (08-03)

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 022869		OR <input type="checkbox"/> Correspondence address below	
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Ramkumar		Mandalam	
Inventor's Signature		Date	
<i>M. K. Lakshmi</i>		06 MAY 2004	
Residence: City	State	Country	Citizenship
Union City	California	US	IN
Mailing Address			
4344 Pickerel Drive			
City	State	ZIP	Country
Union City	California	94587	US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Saadia		Faouzi	
Inventor's Signature		Date	
Residence: City	State	Country	Citizenship
Daly City	California	US	MA
Mailing Address			
159 St. Francis Boulevard			
City	State	ZIP	Country
Daly City	California	94015	US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the TWO supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 4]

PTO/SB/02A (08-03)

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Isabelle		Nadeau					
Inventor's Signature		Date					
Residence: City	San Francisco	State	California	Country	US	Citizenship	CN
Mailing Address							
517 Day Street							
Mailing Address							
City	San Francisco	State	California	Zip	94131	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Kristina		Pfendler-Bonham					
Inventor's Signature		Date					
Residence: City	South San Francisco	State	California	Country	US	Citizenship	US
Mailing Address							
43B Appian Way							
Mailing Address							
City	South San Francisco	State	California	Zip	94080	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Namitha		Rao					
Inventor's Signature		Date					
Residence: City	San Jose	State	California	Country	US	Citizenship	IN
Mailing Address							
4564 Carrasco Way							
Mailing Address							
City	San Jose	State	California	Zip	95135	Country	US

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Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatla	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
		Zip	95014
		Country	US

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Ramkumar Mandalam, et al.

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to be assigned

Examiner Name

to be assigned

I hereby declare that:

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(Title of the Invention)

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OR



was filed on (MM/DD/YYYY)

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

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Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
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NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any))		Family Name or Surname	
Ramkumar		Mandalam	
Inventor's Signature			Date
Residence: City Union City	State California	Country US	Citizenship IN
Mailing Address 4344 Pickerel Drive			
City Union City	State California	ZIP 94587	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor.	
Given Name (first and middle (if any))		Family Name or Surname	
Saadia		Faouzi	
Inventor's Signature			Date 05/04/04
Residence: City Daly City	State California	Country US	Citizenship MA
Mailing Address 159 St. Francis Boulevard			
City Daly City	State California	ZIP 94015	Country US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>two</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Isabelle		Nadeau	
Inventor's Signature		Date	
Residence: City	San Francisco	State	California
		Country	US
Citizenship CN			
Mailing Address 517 Day Street			
Mailing Address			
City	San Francisco	State	California
		Zip	94131
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kristina		Pfendler-Bonham	
Inventor's Signature		Date	
Residence: City	South San Francisco	State	California
		Country	US
Citizenship US			
Mailing Address 43B Appian Way			
Mailing Address			
City	South San Francisco	State	California
		Zip	94080
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Namitha		Rao	
Inventor's Signature		Date	
Residence: City	San Jose	State	California
		Country	US
Citizenship IN			
Mailing Address 4564 Carrasco Way			
Mailing Address			
City	San Jose	State	California
		Zip	95135
		Country	US

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Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatla	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
		Zip	95014
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			<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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Address			
City		State	ZIP
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NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Ramkumar		Mandalam	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Union City	California	US	IN
Mailing Address			
4344 Pickrel Drive			
City	State	ZIP	Country
Union City	California	94587	US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Saadia		Faouzi	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Daly City	California	US	MA
Mailing Address			
159 St. Francis Boulevard			
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[Page 2 of 4]

PTO/SB/02A (08-03)

Approved for use through 07/31/2006. OMB 0851-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Isabelle		Nadeau	
Inventor's Signature <i>Isabelle Nadeau</i>		Date <i>05/17/04</i>	
Residence: City	San Francisco	State	California
		Country	US
Citizenship CN			
Mailing Address 517 Day Street			
Mailing Address			
City	San Francisco	State	California
		Zip	94131
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kristina		Pfendler-Bonham	
Inventor's Signature		Date	
Residence: City	South San Francisco	State	California
		Country	US
Citizenship US			
Mailing Address 43B Appian Way			
Mailing Address			
City	South San Francisco	State	California
		Zip	94080
		Country	US
Name of Additional Joint Inventor, If any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Namitha		Rao	
Inventor's Signature		Date	
Residence: City	San Jose	State	California
		Country	US
Citizenship IN			
Mailing Address 4564 Carrasco Way			
Mailing Address			
City	San Jose	State	California
		Zip	95135
		Country	US

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If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/02A (08-03)

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
		Citizenship	US
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatla	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
		Citizenship	IN
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
		Citizenship	US
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
		Zip	95014
		Country	US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.83. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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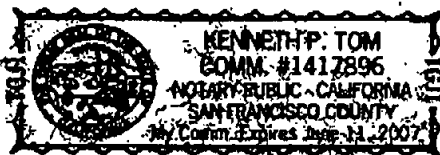
CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of San Francisco

On 5, 17, 2004 before me, **Kenneth P. Tom** personally appeared

KARLE NABAU

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

OPTIONAL SECTION

DESCRIPTION OF ATTACHED DOCUMENT CAPACITY CLAIMED BY SIGNER

DECLARATION FOR UTILITY

INDIVIDUAL(S)

OR DESIGN PATENT APPLICATION

CORPORATE OFFICER(S)

TYPE OR TITLE OF DOCUMENT

TITLE(S)

NUMBER OF PAGES

PARTNERS: LIMITED
 GENERAL

DATE OF DOCUMENT

ATTORNEY-IN-FACT

TRUSTEE(S)

SIGNER(S) OTHER THAN NAMED ABOVE

GUARDIAN/CONSERVATOR

OTHER:

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OF ENTITY(IES)

PTO/SB/01 (08-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

093/030P

First Named Inventor

Ramkumar Mandalam, et al.

COMPLETE IF KNOWN

Application Number

10/810,311

Filing Date

March 26, 2004

Art Unit

to be assigned

Examiner Name

to be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

New Protocols for Making Hepatocytes from Embryonic Stem Cells

(Title of the invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/26/2004

as United States Application Number or PCT International

Application Number

10/810,311

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 4)

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If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

PTO/SB/01 (08-03)

Approved for use through 07/31/2008. OMB 0851-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 022869 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Ramkumar		Mandalam	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Union City	California	US	IN
Mailing Address			
4344 Pickerel Drive			
City	State	ZIP	Country
Union City	California	94587	US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Saadia		Faouzi	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Daly City	California	US	MA
Mailing Address			
159 St. Francis Boulevard			
City	State	ZIP	Country
Daly City	California	94015	US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>TWO</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 4]

PTO/SB/02A (08-03)

Approved for use through 07/31/2006, OMB 0851-0032
U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Isabelle		Nadeau	
Inventor's Signature		Date	
Residence: City	San Francisco	State	California
		Country	US
Mailing Address			
517 Day Street			
Mailing Address			
City	San Francisco	State	California
		Zip	94131
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kristina		Pfendler-Bonham	
Inventor's Signature		Date	
<i>Kristina C. Bonham</i>		5/12/04	
Residence: City	South San Francisco	State	California
		Country	US
Mailing Address			
43B Appian Way			
Mailing Address			
City	South San Francisco	State	California
		Zip	94080
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Naritha		Rao	
Inventor's Signature		Date	
Residence: City	San Jose	State	California
		Country	US
Mailing Address			
4564 Carrasco Way			
Mailing Address			
City	San Jose	State	California
		Zip	95135
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PTO/SB/02A (08-03)

Approved for use through 07/31/2008. OMB 0851-0032

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatia	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

093/030P

First Named Inventor

Ramkumar Mandalam, et al.

COMPLETE IF KNOWN

Application Number

10/810,311

Filing Date

March 26, 2004

Art Unit

to be assigned

Examiner Name

to be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

New Protocols for Making Hepatocytes from Embryonic Stem Cells

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/26/2004

as United States Application Number or PCT International

Application Number

10/810,311

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

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I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

(Page 1 of 4)

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PTO/SB/A1 (08-03)

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 022869 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Ramkumar		Mandalam	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Union City	California	US	IN
Mailing Address			
4344 Pickerel Drive			
City	State	ZIP	Country
Union City	California	94587	US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Saadia		Faouzi	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Daly City	California	US	MA
Mailing Address			
159 St. Francis Boulevard			
City	State	ZIP	Country
Daly City	California	94015	US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>TWO</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 4]

PTO/SB/02A (08-03)

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U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
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Isabelle		Nadeau	
Inventor's Signature		Date	
Residence: City	San Francisco	State	California
		Country	US
Citizenship CN			
Mailing Address 517 Day Street			
Mailing Address			
City	San Francisco	State	California
		Zip	94131
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kristina		Pfendler-Bopham	
Inventor's Signature		Date	
Residence: City	South San Francisco	State	California
		Country	US
Citizenship US			
Mailing Address 43B Appian Way			
Mailing Address			
City	South San Francisco	State	California
		Zip	94080
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Namitha		Rao	
Inventor's Signature <i>Namitha</i>		Date 5/10/04	
Residence: City	San Jose	State	California
		Country	US
Citizenship IN			
Mailing Address 4564 Carrasco Way			
Mailing Address			
City	San Jose	State	California
		Zip	95135
		Country	US

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PTO/SB/02A (08-03)

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatla	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
		Zip	95014
		Country	US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/01 (08-03)

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

093/030P

First Named Inventor

Ramkumar Mandalam, et al.

COMPLETE IF KNOWN

Application Number

10/810,311

Filing Date

March 26, 2004

Art Unit

to be assigned

Examiner Name

to be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

New Protocols for Making Hepatocytes from Embryonic Stem Cells

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/26/2004

as United States Application Number or PCT International

Application Number

10/810,311

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
				Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 4]

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 022869		OR <input type="checkbox"/> Correspondence address below	
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Ramkumar		Family Name or Surname Mandalam	
Inventor's Signature			Date
Residence: City Union City	State California	Country US	Citizenship IN
Mailing Address 4344 Ploverel Drive			
City Union City	State California	ZIP 94587	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Saadia		Family Name or Surname Faouzi	
Inventor's Signature			Date
Residence: City Daly City	State California	Country US	Citizenship MA
Mailing Address 159 St. Francis Boulevard			
City Daly City	State California	ZIP 94015	Country US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the TWO supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 4]

PTO/SB/02A (08-03)

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U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 083/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Isabelle		Nadeau					
Inventor's Signature		Date					
Residence: City	San Francisco	State	California	Country	US	Citizenship	CN
Mailing Address							
517 Day Street							
Mailing Address							
City	San Francisco	State	California	Zip	94131	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Kristina		Pfendler-Bonham					
Inventor's Signature		Date					
Residence: City	South San Francisco	State	California	Country	US	Citizenship	US
Mailing Address							
43B Appian Way							
Mailing Address							
City	South San Francisco	State	California	Zip	94080	Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor					
Given Name (first and middle (if any))		Family Name or Surname					
Namitha		Rao					
Inventor's Signature		Date					
Residence: City	San Jose	State	California	Country	US	Citizenship	IN
Mailing Address							
4564 Carrasco Way							
Mailing Address							
City	San Jose	State	California	Zip	95135	Country	US

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature <i>MK Carpenter</i>		Date <i>6/8/04</i>	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatia	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
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		Country	US

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

093/030P

First Named Inventor

Ramkumar Mandalam, et al.

COMPLETE IF KNOWN

Application Number

10/810,311

Filing Date

March 26, 2004

Art Unit

to be assigned

Examiner Name

to be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

New Protocols for Making Hepatocytes from Embryonic Stem Cells

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/26/2004

as United States Application Number or PCT International

Application Number

10/810,311

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed	Certified Copy Attached?	
			<input type="checkbox"/>	Yes <input type="checkbox"/>	No <input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 4]

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DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 022869 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Ramkumar		Family Name or Surname Mandalam	
Inventor's Signature			Date
Residence: City Union City	State California	Country US	Citizenship IN
Mailing Address 4344 Pickerel Drive			
City Union City	State California	ZIP 94587	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) Saadia		Family Name or Surname Fauzi	
Inventor's Signature			Date
Residence: City Daly City	State California	Country US	Citizenship MA
Mailing Address 159 St. Francis Boulevard			
City Daly City	State California	ZIP 94015	Country US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>two</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 4]

PTO/SB/02A (08-03)

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Isabelle		Nadeau	
Inventor's Signature		Date	
Residence: City	San Francisco	State	California
		Country	US
Citizenship CN			
Mailing Address 517 Day Street			
Mailing Address			
City	San Francisco	State	California
		Zip	94131
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kristina		Pfendler-Bopham	
Inventor's Signature		Date	
Residence: City	South San Francisco	State	California
		Country	US
Citizenship US			
Mailing Address 43B Appian Way			
Mailing Address			
City	South San Francisco	State	California
		Zip	94080
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Namitha		Rao	
Inventor's Signature		Date	
Residence: City	San Jose	State	California
		Country	US
Citizenship IN			
Mailing Address 4564 Carrasco Way			
Mailing Address			
City	San Jose	State	California
		Zip	95135
		Country	US

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatla	
Inventor's Signature <i>Lakshmi</i>		Date	
		5-6-04	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature		Date	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
		Zip	95014
		Country	US

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PTO/SB/01 (08-03)

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**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

093/030P

First Named Inventor

Ramkumar Mandalam, et al.

COMPLETE IF KNOWN

Application Number

10/810,311

Filing Date

March 26, 2004

Art Unit

to be assigned

Examiner Name

to be assigned

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

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(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

03/26/2004

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Application Number

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and was amended on (MM/DD/YYYY)

(if applicable).

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Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority Not Claimed		Certified Copy Attached?	
			Yes	No	Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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(Page 1 of 4)

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PTO/SB/01 (08-03)

Approved for use through 07/31/2008. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 022869 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	ZIP
Country	Telephone	Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Ramkumar		Mandalam	
Inventor's Signature			Date
Residence: City Union City	State California	Country US	Citizenship IN
Mailing Address 4344 Pickerel Drive			
City Union City	State California	ZIP 94587	Country US
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Saadia		Faouzi	
Inventor's Signature			Date
Residence: City Daly City	State California	Country US	Citizenship MA
Mailing Address 159 St. Francis Boulevard			
City Daly City	State California	ZIP 94015	Country US
<input checked="" type="checkbox"/> Additional inventors or a legal representative are being named on the <u>TWO</u> supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

[Page 2 of 4]

PTO/SB/02A (08-03)

Approved for use through 07/31/2006, OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 3 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Isabelle		Nadeau	
Inventor's Signature		Date	
Residence: City	San Francisco	State	California
		Country	US
Citizenship CN			
Mailing Address 517 Day Street			
Mailing Address			
City	San Francisco	State	California
		Zip	94131
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Kristina		Pfendler-Bonham	
Inventor's Signature		Date	
Residence: City	South San Francisco	State	California
		Country	US
Citizenship US			
Mailing Address 43B Appian Way			
Mailing Address			
City	South San Francisco	State	California
		Zip	94080
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Namitha		Rao	
Inventor's Signature		Date	
Residence: City	San Jose	State	California
		Country	US
Citizenship IN			
Mailing Address 4564 Carrasco Way			
Mailing Address			
City	San Jose	State	California
		Zip	95135
		Country	US

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

PTO/SB/02A (08-03)

Approved for use through 07/31/2006. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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DECLARATION**ADDITIONAL INVENTOR(S)** Attorney Docket No. 093/030P
Supplemental SheetPage 4 of 4

Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Melissa K.		Carpenter	
Inventor's Signature		Date	
Residence: City	London	State	Ontario
		Country	CA
Citizenship US			
Mailing Address 462 Whisker Street			
Mailing Address			
City	London	State	Ontario
		Zip	N5X 4H3
		Country	CA
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Lakshmi		Rambhatla	
Inventor's Signature		Date	
Residence: City	Redwood City	State	California
		Country	US
Citizenship IN			
Mailing Address 624 Dory Lane			
Mailing Address			
City	Redwood City	State	California
		Zip	94065
		Country	US
Name of Additional Joint Inventor, if any:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle (if any))		Family Name or Surname	
Choy-Pik		Chiu	
Inventor's Signature <i>Chiu Choy-Pik</i>		Date 5/6/04	
Residence: City	Cupertino	State	California
		Country	US
Citizenship US			
Mailing Address 10952 Wilkinson Avenue			
Mailing Address			
City	Cupertino	State	California
		Zip	95014
		Country	US

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NOV 08 2004

Attorney Docket No. 093/030P
Patent

STATEMENT UNDER 37 CFR 3.73(b)

Applicant/Patent Owner: Geron Corporation

Application No./Patent No.: 10/810,311

Filing Date: March 26, 2004


Entitled: NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM
EMBRYONIC STEM CELLS

GERON CORPORATION, a corporation, states that it is the assignee of the entire right, title, and interest in the patent application/patent identified above by virtue of:

An assignment from the inventors of the above-referenced patent application, a true copy of which is attached hereto.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

Nov. 4, 2004.
Date


Signature

David J. Earp, Registration No. 41,401
Typed or Printed Name

Chief Patent Counsel
Title

COPYPATENT
Docket No.: 093/030P, 093/031X**ASSIGNMENT**

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhadra, Choy-Pik Chiu

executed employment agreements with Geron Corporation (hereinafter called Geron), a Delaware Corporation having its principal place of business at 230 Constitution Drive, Menlo Park, CA 94025, whereby we have agreed to assign to Geron all inventions (except as otherwise limited by law) which relate to Geron business and which were first conceived or actually reduced to practice during our employment by Geron;

Now, therefore, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto Geron, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

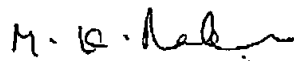
NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM EMBRYONIC STEM CELLS

Serial No. 10/810,311 filed on March 26, 2004 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of Geron, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Geron, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Geron.

In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:



Date: 10/27/04

Ramkumar Mandalam

Inventor's
Signature:

Saadia Faouzi

Date:

PATENT
Docket No.: 093/030P, 093/031X

Inventor's
Signature:

Date:

Isabelle Nadeau

Inventor's
Signature:

Date:

Kristina Pfendler-Bonham

Inventor's
Signature:

Date:

Namitha Rao

Inventor's
Signature:

Date:

Melissa K. Carpenter

Inventor's
Signature:

Date:


Lakshmi Rambhatla

5-6-04

Inventor's
Signature:

Date:

Choy-Pik Chiu

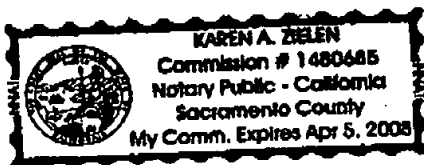
PATENT
Docket No.: 093/030P, 093/031X

State of California

County of San Mateo

} ss.

On October 27, 2004 before me, Karen A. Zielen, Notary Public personally appeared Ramkumar Mandalam personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, executed the instrument.



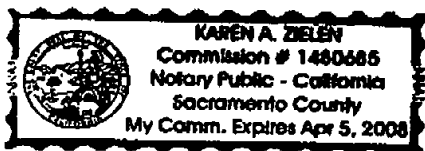
A handwritten signature in cursive script, reading "Karen Ann Zielen", written over a horizontal line.

State of California

County of San Mateo

} ss.

On May 6, 2004 before me, Karen A. Zielen, Notary Public personally appeared Lakshmi Rambhatla personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument, executed the instrument.



A handwritten signature in cursive script, reading "Karen A. Zielen", written over a horizontal line.

COPYPATENT
Patent No.: 093/030P, 093/031X**ASSIGNMENT**

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto Geron, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM EMBRYONIC STEM CELLS

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In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:

Date:

Ramkumar Mandalam

Inventor's
Signature:

Date:

Saadia Faouzi

05/04/04

PATENT
Docket No.: 093/030P, 093/031X

Inventor's
Signature:

Date:

Isabelle Nadeau

Inventor's
Signature:

Date:

Kristina Pfendler-Bonham

Inventor's
Signature:

Date:

Namitha Rao

Inventor's
Signature:

Date:

Melissa K. Carpenter

Inventor's
Signature:

Date:

Lakshmi Rambhatla

Inventor's
Signature:

Date:

Choy-Pik Chiu

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of

San Francisco

ss.

On May 4, 2004 before me, SALLY S. CHAN, Notary Public

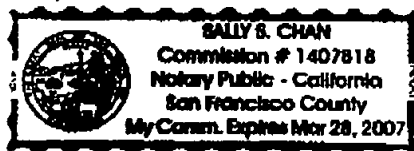
Name and Title of Officer (e.g., "Jane Doe, Notary Public")

personally appeared SAADIA FAOUZI

Name(s) of Signer(s)

☐ personally known to me☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal

OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached Document

Title or Type of Document:

Assignment

Document Date:

Number of Pages: TWO

Signer(s) Other Than Named Above:

Capacity(ies) Claimed by Signer

Signer's Name:

SAADIA FAOUZI☒ Individual☐ Corporate Officer — Title(s):☐ Partner — ☐ Limited ☐ General☐ Attorney-in-Fact☐ Trustee☐ Guardian or Conservator☐ Other:

Signer Is Representing:

selfRIGHT THUMBPRINT
OF SIGNER
Top of thumb here

COPY

PATENT

No.: 093/030P, 093/031X

ASSIGNMENT

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:

Date:

Ramkumar Mandalam

Inventor's
Signature:

Date:

Saadia Faouzi

PATENT
Docket No.: 093/030P, 093/031X

Inventor's
Signature:


Isabelle Nadeau

Date:

05/17/04

Inventor's
Signature:

Kristina Pfendler-Bonham

Date:

Inventor's
Signature:

Namitha Rao

Date:

Inventor's
Signature:

Melissa K. Carpenter

Date:

Inventor's
Signature:

Lakshmi Rambhatla

Date:

Inventor's
Signature:

Choy-Pik Chiu

Date:

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California
County of San Francisco

On 5, 17, 2004 before me, **Kenneth P. Tom** personally appeared

FABRUE NADEAU

proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s) or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

OPTIONAL SECTION

DESCRIPTION OF ATTACHED DOCUMENT

ASSIGNMENT

CAPACITY CLAIMED BY SIGNER

INDIVIDUAL(S)

CORPORATE OFFICER(S)

TYPE OR TITLE OF DOCUMENT

TITLE(S)

NUMBER OF PAGES

PARTNERS: LIMITED
GENERAL

DATE OF DOCUMENT

ATTORNEY-IN-FACT

TRUSTEE(S)

SIGNER(S) OTHER THAN NAMED ABOVE

GUARDIAN/CONSERVATOR

OTHER:

SIGNER IS REPRESENTING:
NAME OF PERSON(S) OF ENTITY(IES)

COPYPATENT
Doc. No.: 093/030P, 093/031X**ASSIGNMENT**

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto Geron, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM EMBRYONIC STEM CELLS

Serial No. 10/810,311 filed on March 26, 2004 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of Geron, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Geron, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Geron.

In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:

Date:

Ramkumar Mandalam

Inventor's
Signature:

Date:

Saadia Faouzi

PATENT
Docket No.: 093/030P, 093/031XInventor's
Signature:Isabelle Nadeau

Date:

Inventor's
Signature:Kristina C. Bonham
Kristina Pfendler-Bonham

Date:

5/11/04Inventor's
Signature:Namitha Rao

Date:

Inventor's
Signature:Melissa K. Carpenter

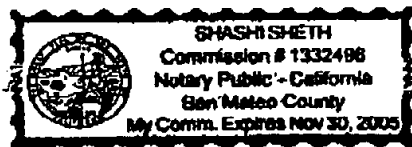
Date:

Inventor's
Signature:Lakshmi Rambhatla

Date:

Inventor's
Signature:Choy-Pik Chiu

Date:

SUBSCRIBED AND SWORN TO BEFORE ME
THIS 11th DAY OF MAY 2004
BY KRISTINA BONHAM
Shashi Sheth
NOTARY PUBLIC

COPY

PATENT

Docket No.: 093/030P, 093/031X

ASSIGNMENT

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:

Date:

Ramkumar Mandalam

Inventor's
Signature:

Date:

Saadia Faouzi

PATENT
Docket No.: 093/030P, 093/031X

Inventor's
Signature:

Date:

Isabelle Nadeau

Inventor's
Signature:

Date:

Kristina Pfendler-Bonham

Inventor's
Signature:

Date:

Namitha
Namitha Rao

5/10/04

See attached document

Inventor's
Signature:

Date:

Melissa K. Carpenter

Inventor's
Signature:

Date:

Lakshmi Rambhatla

Inventor's
Signature:

Date:

Choy-Pik Chiu

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

State of California

County of Santa Clara

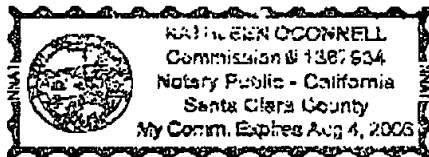
} SS.

On May 10, 2004 before me, Kathleen O'Connell, Notary Public

Name and Title of Officer (e.g., "Jill Doe, Notary Public")

personally appeared _____

Name(s) of Signer(s)

☐ personally known to me☒ proved to me on the basis of satisfactory evidence

to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Kathleen O'Connell
 Signature of Notary Public
OPTIONAL

Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of this form to another document.

Description of Attached DocumentTitle or Type of Document: AssignmentDocument Date: May 10, 2004Number of Pages: 2Signer(s) Other Than Named Above: J. Nadesu, K. Pfendner-Borken, M. Carpenter
L. Ramkhatla, C-Pik Chien**Capacity(ies) Claimed by Signer**Signer's Name: Namitha Rao☒ Individual☐ Corporate Officer — Title(s): _____☐ Partner — ☐ Limited ☐ General☐ Attorney-in-Fact☐ Trustee☐ Guardian or Conservator☐ Other: _____Signer Is Representing: Self
 RIGHT THUMBPRINT
 OF SIGNER
 Top of thumb here

COPYPATENT
Docket No.: 093/030P, 093/031X**ASSIGNMENT**

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

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NEW PROTOCOLS FOR MAKING HEPATOCYTES FROM EMBRYONIC STEM CELLS

Serial No. 10/810,311 filed on March 26, 2004 and the inventions set forth and described therein, and any and all Letters Patent of the United States and of countries foreign thereto which may be granted thereon or therefor;

And for the above consideration, we agree promptly upon request of Geron, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Geron, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Geron.

In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:

Date:

Ramkumar Mandalam

Inventor's
Signature:

Date:

Saadia Faouzi

PATENT
Docket No.: 093/030P, 093/031XInventor's
Signature:

Date:

Isabelle NadeauInventor's
Signature:

Date:

Kristina Pfendler-BonhamInventor's
Signature:

Date:

Namitha RaoInventor's
Signature:

Date:

Melissa K. Carpenter*Watson & Ly from H.V. Gas
Barrister & Schuster June 9/04*6/9/04Inventor's
Signature:

Date:

Lakshmi RambhatlaInventor's
Signature:

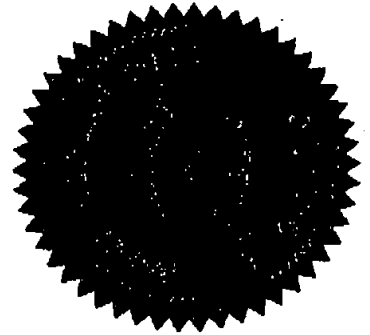
Date:

Choy-Pik Chiu

I, Jason H. Voss, witnessed the signature of Melissa K. Carpenter, on an Assignment,
Docket No.: 093/030P, 093/031X (Patent) on this 9th day of June, 2004. There were no
other signatures present on the document.



Jason H. Voss
Barrister and Solicitor
Notary Public



COPYPATENT
Docket No.: 093/030P, 093/031X**ASSIGNMENT**

Whereas we, Ramkumar Mandalam, Saadia Faouzi, Isabelle Nadeau, Kristina Pfendler-Bonham, Namitha Rao, Melissa K. Carpenter, Lakshmi Rambhatla, Choy-Pik Chiu

executed employment agreements with Geron Corporation (hereinafter called Geron), a Delaware Corporation having its principal place of business at 230 Constitution Drive, Menlo Park, CA 94025, whereby we have agreed to assign to Geron all inventions (except as otherwise limited by law) which relate to Geron business and which were first conceived or actually reduced to practice during our employment by Geron;

Now, therefor, pursuant to the terms of said employment agreements and for good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto Geron, its successors and assigns, the entire right, title and interest, including the right of priority in, to and under an application for Letters Patent of the United States entitled:

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And for the above consideration, we agree promptly upon request of Geron, its successors or assigns, to execute and deliver without further compensation any power of attorney, assignment, application, whether original, continuation, divisional or reissue, or other papers which may be necessary or desirable fully to secure to Geron, its successors and assigns, the inventions described in said application and all patent rights therein, in the United States and in any country foreign thereto, and to cooperate and assist in the prosecution of interference proceedings involving said inventions and in the adjudication or reexamination of said Letters Patent provided the expenses which may be incurred by me in lending such cooperation and assistance are paid by Geron.

In witness whereof, we hereunto set our hands and seal:

Inventor's
Signature:

Date:

Ramkumar Mandalam

Inventor's
Signature:

Date:

Saadia Faouzi

PATENT
Docket No.: 093/030P, 093/031X

Inventor's
Signature:

Date:

Isabelle Nadeau

Inventor's
Signature:

Date:

Kristina Pfendler-Bonham

Inventor's
Signature:

Date:

Namitha Rao

Inventor's
Signature:

Date:

Melissa K. Carpenter

Inventor's
Signature:

Date:

Lakshmi Rambhatla

Inventor's
Signature:

Date:

Chiu Choy-Pik
Choy-Pik Chiu

5/6/04

geron

GERON CORPORATION
230 Constitution Drive
Menlo Park, CA 94025
Phone: (650) 473-7700
Fax: (650) 473-8654

Facsimile Transmittal Sheet

LAST PAGE

USSN 10/810,311

Attorney Docket 093/030P